

Invitation to bid 09-R-2208763

Page 13, 2.1, A, 26 The system must alert everyone in the buildings when the security system is armed. There must be an audible and visual alert on every floor. Building 560 and buildings 602/602 Annex shall be alerted independently. The audible alert may be either a recorded message or a digitized voice.

Page 14, 2.2, B Magnetic sensors concealed - Sensor shall be be a UL listed addressable recessed contact, 5/8" gap, epoxy sealed switch, high security.

Page 14, 2.2, C Magnetic Sensors Surface Mount – Sensor shall be a UL listed, Addressable, 1.25" gap, epoxy sealed switch housing, high security.

Page 14, 2.2, J (New) Motion detectors shall be dual technology; infrared and microwave.

Page 14, 2.2, K (New) Sirens/Speakers – The sirens and speakers specified on the plans may be combined into one unit that can perform these features.

Page 16, 3.03, A. 2 Interfaces to other systems (i.e., entry control, video surveillance, etc.) shall be coordinated with the Owner's representative where appropriate.

Page 16, 3.03 A. 9.(New) Any above ceiling wiring must use plenum rated wiring/cable

Page 16, 3.03, A, 10 (New) HVAC sensors shall be combined into one zone.

Page 21, 4.9 A The Digital Recording and Transmission system shall offer the latest in digital technology, providing unparalleled stability, security, and ease of use, with advanced algorithms, fast capture rates, and a unique, flexible Graphical User Interface (GUI). Available at a minimum 16 channel configuration with recording capability up to 960/960 IPS (NTSC). The system is a complete analog digital video recording solution that can also be configured as a comprehensive hybrid network digital video recorder. The hybrid configuration will support analog video simultaneously with IP video and display them in the familiar 32 channel, or greater, user interface. The combination of multiplexing, motion detection, audio, text insertion, image rates, mapping capabilities, and remote notification technologies shall provide an extremely flexible and reliable system. There shall be one DVR in each building for a total of three recording devices.

Page 24, 4.15, A Indoor cameras – shall be of the mini dome type, some enclosed in vandal resistant enclosures, encompassing the latest color Digital Signal Processing (DSP) technology. The camera shall offer 1/3" format with 540 TV Lines of horizontal resolution and a minimum illumination of 0.7 lux. The lens shall be a Honeywell 3" high resolution color dome camera VDN-495 or equivalent. Hidden, covert, cameras shall be disguised as functional motion detectors.

Page 24, 4.15, B Outdoor fixed camera – shall be a high performance 1/2" format digital CCD color camera based on digital video processing technology. The lens shall be a 1/2" format 5-50mm auto iris, CS mount f1.6-360, 4pin. The housing shall be for camera/lens up to 10.3", 24 VAC heater, sunshield, feed through cabling.

Page 25, 4.17, A. Preventative Maintenance Agreement during warranty: The Contrator shall provide prevenative maintenance during the warranty period. Maintenance shall include, but not be limited to:

Page 25, 4.17, A. 1. Labor and materials, at no additional cost, to repair the digital video recording (DVR) device and provide a loaner DVR in the event the device must be shipped off for repair.

Page 25, 4.17, A, 3 Inspections and adjustments to occur at quarterly intervals.

Page 25, 4.17, A, 4 (New) Labor and materials, at no addition cost, to repair or replace any faulty camera or camera component.

Page 26, 5.1, B, 4 The sixteen (16) input, or greater, Digital Recorder shall offer

recording options of 240 or 480 ips with real-time live video viewing of up to sixteen (16) images, each with 30 ips per camera.

Page 27, 5.1, B, 6 The Digital Recorder, regardless of number of inputs, shall provide at least 1TB of recording storage capacity and must provide, at a minimum, two weeks of recorded video storage.

Page 27, 5.1, B, 6(second) The digital recorder must be designed to fit into a 19" EIA rack OR must be capable of being placed on a shelf mounted in a 19" EIA rack.

Page 39, 6.3 A. 6.(New) Any above ceiling wiring/cabling must use plenum rated wiring/cable

Page 39, 6.3, A. 7 (New) All video cameras and devices must be properly grounded to prevent lightning damage. This includes internal and external equipment.

Page 39, 6.3, A. 8 (New) Any electrical outlets, or other commercial power needs, must be included in the bid price.

Page 40, 7.1
BUILDING 560

8	Motion detectors
3	Door contacts
4	Keypad
20	HVAC tilt switch
5	Indoor Siren
1	Speaker
1	Remote panic button
4	Indoor fixed dome camera
1	Outdoor PTZ camera
3	Outdoor fixed camera
1	Digital Video Recorder
1	DVR monitor
1	Outdoor siren

Page 40, 7.2
BUILDING 602

11	Motion detectors
8	Door contacts
2	Keypad
10	HVAC tilt switch
3	Indoor Siren
4	Indoor fixed dome camera
8	Indoor covert camera
2	Outdoor fixed camera

1	Digital Video Recorder
2	Indoor fixed dome camera, vandal resistant

Page 41, 7.3

BUILDING 602 ANNEX

3	Motion detectors
3	Door contacts
2	Keypads
3	Indoor Siren
1	Indoor Speaker
1	Outdoor fixed dome camera
2	Indoor fixed dome camera
3	Indoor covert camera
4	Outdoor fixed camera
1	Digital Video Recorder
1	DVR monitor
1	Outdoor Siren
1	Remote Panic Button